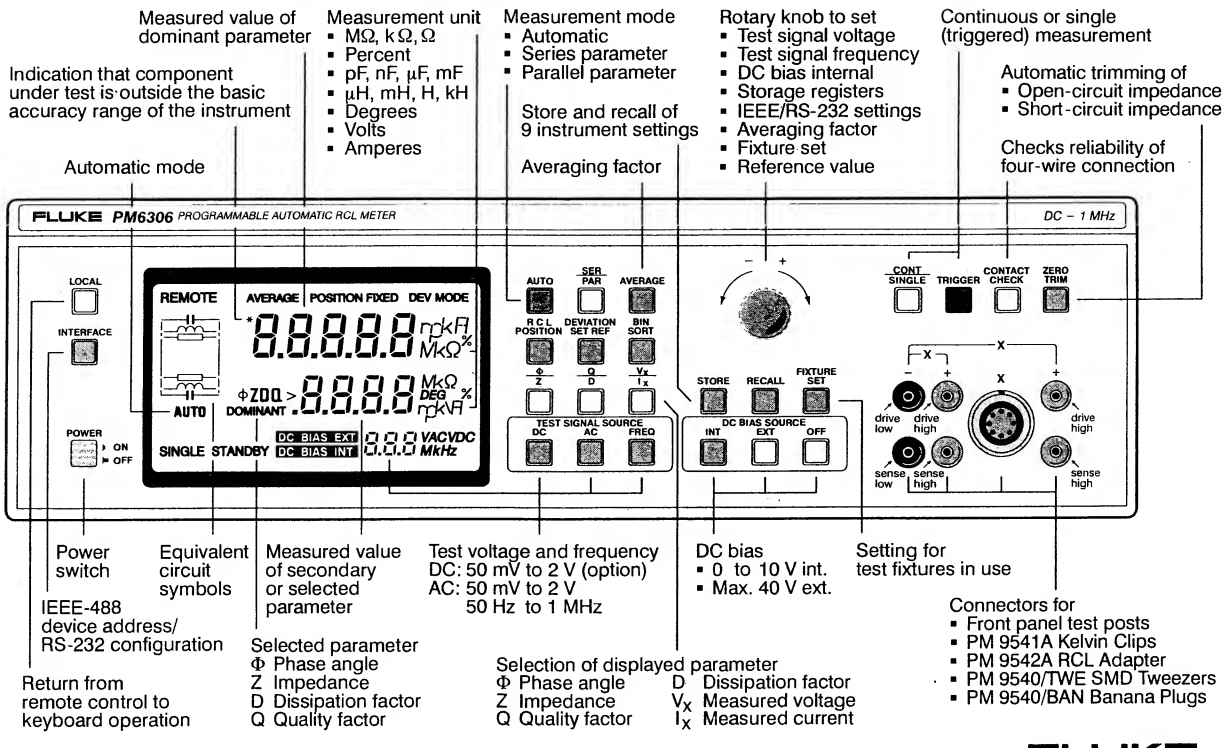
PM6306 *PROGRAMMABLE AUTOMATIC RCL METER* *DC - 1MHz*

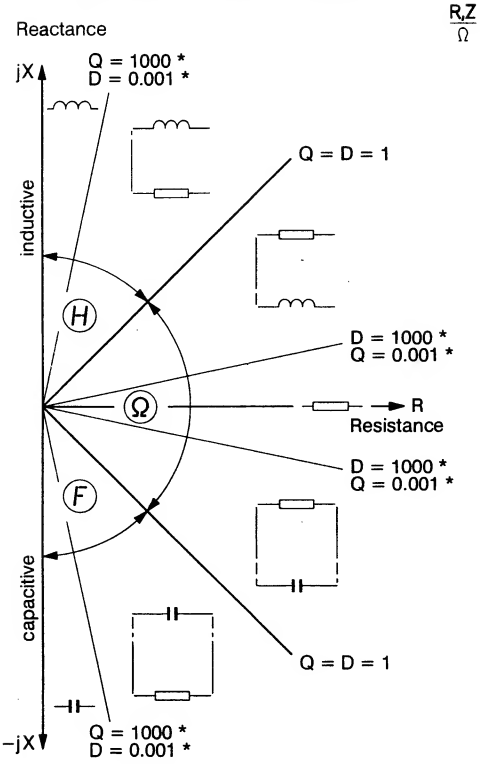
Operating Card

4822 872 10144
960508



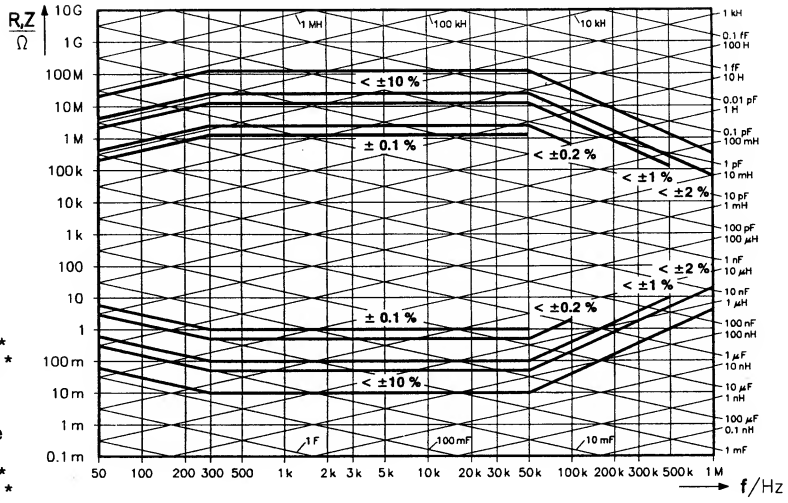
FLUKE®

Auto Mode Decision Diagram



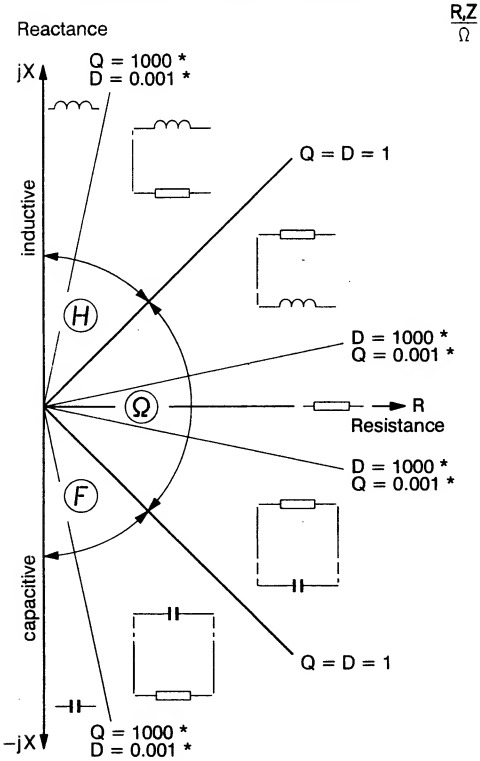
* For test signal voltages ≤0.25 V, the decision criterion is Q = 200, D = 0.05, or Q = 0.05, D = 200

Measurement Ranges and Accuracy, Level 1 V



- Test signal frequency 50 Hz to 1 MHz or DC (option).
- For SMD components use the PM 9542SMD, SMD ADAPTER or the PM 9540/TWE, SMD TWEEZERS.
- For larger components use the PM 9542A, RCL Adapter.
- For in-circuit measurement of components use the PM 9541A 4-WIRE TEST CABLE (Kelvin Clips) or the PM 9540/TWE, SMD TWEEZERS.
- Discharge capacitors before connecting.
- The middle segments of the upper digits light up when the component exceeds the measurement range:
  R >200 MΩ at AC, R >50 MΩ at DC
  L >637 kH at 50 Hz, >31.8 H at 1 MHz
  C >32 F at 50 Hz, >160 µF at 1 MHz.
- Asterisk lights up if the component is outside the basic accuracy of the instrument. Select appropriate test signal frequency.
- **ZERO TRIM** compensates:
  - Contact and line resistors (up to 10 Ω in short-circuit).
  - Stray capacitances in open-circuit.

Auto Mode Decision Diagram



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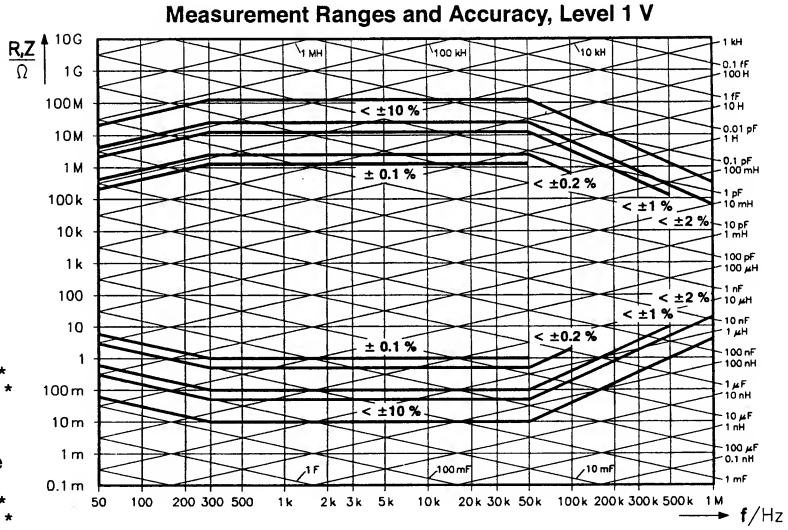

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